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Docket No.: 0112020.00129US2(NAN-6)  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Thomas Rueckes et al. Confirmation No.: 9428  
Application No.: 10/774,682 Art Unit: 2823  
Filed: February 9, 2004 Examiner: W. D. Coleman  
Title: NANOTUBE FILMS AND ARTICLES

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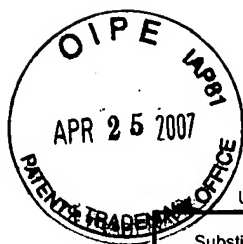
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				Application Number	10/774,682-Conf. #9428
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				First Named Inventor	Thomas RUECKES
				Art Unit	2823
				Examiner Name	W. D. Coleman
Sheet	1	of	5	Attorney Docket Number	0112020.00129US2(NAN-6)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA*	US-2002/0130311-A1	09-19-2002	Lieber et al	
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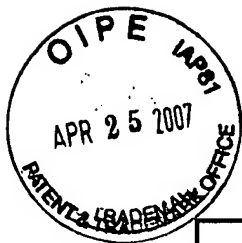
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				Examiner Name	W. D. Coleman
Sheet	2	of	5	Attorney Docket Number	0112020.00129US2(NAN-6)

	AT1*	US-2005/0056866	03-17-2005	Bertin et al.	
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	AO3*	US-5,721,862	02-24-1998	Sartore et al.	

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				Examiner Name	W. D. Coleman
Sheet	3	of	5	Attorney Docket Number	0112020.00129US2(NAN-6)

	AP3*	US-5,829,125	11-03-1998	Fujimoto et al.	
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	AS4*	US-6,774,052	08-10-2004	Vogeli et al	
	AT4*	US-6,781,166	08-24-2004	Lieber et al	
	AU4*	US-6,803,840-A1	10-12-2004	Hunt et al	
	AV4*	US-6,808,746	10-26-2004	Dai et al.	
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	AB5*	US-6,863,942-A1	03-08-2005	Ren et al.	
	AC5*	US-6,896,864-A1	05-24-2005	Clarke	
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	AK5*	US-6,955,937	10-18-2005	Burke et al.	

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Sheet	4	of	5	Attorney Docket Number	0112020.00129US2(NAN-6)

AL5*	US-6,969,651	11-29-2005	Lu et al.	
AM5*	US-7,015,500-A1	03-21-2006	Choi et al.	
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	DE-19504967	08/22/1996	Fraunhofer Ges Forschung		
	BB	DE-19644121	05/07/1997	Hewlett Packard Co		√
	BC	DE-19929179	01/11/2001	Siemens Ag		
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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
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	CE	DEQUESNES, M. et al, "Simulation of carbon nanotube-based nanoelectromechanical switches," <i>Computational Nanoscience and Nanotechnology</i> , 2002, pp. 383-386			
	CF	DESAI et al., "Freestanding Carbon Nanotube Specific Fabrication," Proc. of 2005 5th IEEE Conf., Nanotech., Nagoya, Japan, pp. 1-4, July 2005			
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Examiner Signature		Date Considered	
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Sheet	5	of	5	Attorney Docket Number	0112020.00129US2(NAN-6)

	CH	FISCHER, J.E. et al, "Magnetically aligned single wall carbon nanotube films: Preferred orientation and anisotropic transport properties," <i>Journal of Appl. Phys.</i> , 15 February 2003, Vol. 93, No. 4, pp. 2157-2163	
	CI	KANETO, K. et al., "Electrical conductivities of multi-wall carbon nano tubes," <i>Synthetic Metals</i> , Elsevier Science S.A. (1999), Vol. 103, pp. 2543-2546	
	CJ	KINARET, J. M. et al., "A carbon-nanotube-based nanorelay," <i>Applied Physics Letters</i> , 24 February 2003, Vol. 82, No. 8, pp. 1287-1289	
	CK	LEE, K.H. et al, "Control of growth orientation for carbon nanotubes," <i>Appl. Phys. Lett.</i> , 20 January 2003, Vol. 82, No. 3, pp. 448-450	
	CL	MARTEL, R., et al, "Carbon Nanotube Field-Effect Transistors and Logic Circuits," <i>DAC 2002</i> , 10-12 June 2002, Vol. 7.4, pp. 94-98	
	CM	ONOA, G.B., et al., "Bulk production of singly dispersed carbon nanotubes with prescribed lengths," <i>Nanotechnology</i> , Vol. 16, pp. 2799-2803, 2005	
	CN	SREEKUMAR, T.V. et al, "Single-wall Carbon Nanotube Films," <i>Chem. Mater.</i> , 2003, Vol, 15, pp. 175-178	
	CO	STADERMANN, M. et al., "Nanoscale study of conduction through carbon nanotube networks," <i>Phys. Rev. B</i> 69, 201402(R), 2004	
	CP	TENNE, Richard and Alex K. Zettl. "Nanotubes from inorganic Materials," <i>Topics in Applied Physics</i> (2001); 80, 81-112	
	CQ	TOUR, J.M. et al, "NanoCell Electronic Memories," <i>J. Am. Chem. Soc.</i> , 2003, Vol. 125, pp. 13279-13283	
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	CU	ZHAO, Y.-P. et al. "Frequency-dependent electrical transport in carbon nanotubes," <i>Physical Review B</i> (2001); 64, 201402(4)	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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